

**Notice of Allowability**

Application No.

10/517,086

Applicant(s)

THALER ET AL.

Examiner

Jerry Martin Blevins

Art Unit

2883

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed April 4, 2007.
2. ☒ The allowed claim(s) is/are 22-25 and 27-42.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
  1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☒ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date 04/09/2007
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_.
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

## **DETAILED ACTION**

### ***Response to Arguments***

Applicant's arguments, see page 6, filed April 4, 2007, with respect to claims 22-25 and 27-42 have been fully considered and are persuasive. The rejection of claims 22-25, 36, and 37 and the objection to claims 27-35 and 38-42 have been withdrawn.

### ***Allowable Subject Matter***

Claims 22-25 and 27-42 are allowed.

The following is an examiner's statement of reasons for allowance:

Regarding claim 22, the prior art, as best exemplified by US 5,129,023 to Anderson, teaches an optical plug-in connection (Figure 1) comprising an optical plug-in connector (22), a coupling (35) configured to receive the plug-in connector, and locking means (96) for locking the plug-in connector in the coupling when the plug-in connector is inserted into the coupling, wherein the locking means are designed to prevent unintentional unlocking when in the locked state. Anderson also teaches a flexibly bendable locking arm having a first locking element situated at a free end of the locking arm, wherein the locking arm is configured to bend when the plug-in connector is inserted into the coupling to lock the plug-in connector therein, wherein the plug-in connector is designed to be unlocked from the coupling by renewed flexible bending of the locking arm, wherein the locking arm is arranged on the plug-in connector (column 6, lines 45-57, column 7, line 57 – column 8, line 4, column 10, lines 6-13, and Figures

Art Unit: 2883

2-5). Anderson does not teach that the locking means are designed to only be unlocked by use of a separate tool when in the locked state. US 2005/0180697 to De Marchi teaches an optical plug-in connection comprising locking means designed to only be unlocked by use of a separate tool when in the locked state (paragraph 19). It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the connection of Anderson with the unlocking tool of De Marchi. The motivation would have been to increase the protection against unintentional unlocking. However, Anderson, either alone or in combination with De Marchi or the prior art in general, fails to disclose or render obvious a second locking element situated on the plug-in connector designed to move back and forth by means of a tool between a first position and a second position.

Claims 23-25 and 27-42 are allowed based on their dependence from allowed base claim 22.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."


***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jerry Martin Blevins whose telephone number is 571-272-8581. The examiner can normally be reached on Monday through Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Frank G. Font can be reached on 571-272-2415. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

JMB



Frank G. Font  
Supervisory Patent Examiner  
Technology Center 2800